



Instructions

Scrolling through a two-column document on-screen from the bottom of one column to the top of the next, and so on, can get very tedious. Fortunately, "column threading" is automatic with this software. Here are the basic tools and techniques that you need to know to efficiently navigate through the columns in this document ...



1. Click on the hand tool in the button bar. 
2. Whenever the hand cursor is positioned over a column, the cursor changes to the "read article cursor",  and "Read Article" appears in the status bar to indicate that this text is part of an "article". *An article is a collection of columns selected by the editor that comprise one subject, like one of the articles on the front page of a newspaper. Each first-level section (1.1, 1.2, 1.3...) of the NTIA Manual has been defined as a separate article.* Click any part of the article to start reading at that point, or control-click to start at the beginning of the article. The cursor now changes to the follow-article cursor, and "Follow Article" appears in the status bar.



3. To page down, simply click the mouse, or use the scrollbar, or press the PageDown key. *You can keep track of where you are on the page if you're using the thumbnails-and-page view. In this view a selection rectangle moves over a thumbnail of the page as you scroll through the columns in the page view window.*



4. You can continue to click until you reach the end of the article. At the end of the article, the cursor changes to the end-article cursor, and "End Article" appears in the status bar. Click again to return to the page view displayed before you started reading the article. Click the fit page button.


5. If you want to exit before the end of the article...

- select any navigation method (but not Enter or Return)
- Go to another article or page
- Hold down Shift + Ctrl and click.



6. You can also select which article (NTIA Manual Section) to view by choosing “Articles...” from the View menu, and then selecting the article you want from the dialog box that appears. *You can keep* this dialog box displayed so you can go from one article to another, or better yet, use the bookmarks method described in #7 below.

7. The **best way** to select which article (NTIA Manual Section) to view is to switch to the “Bookmarks-and-Page” view, click  on the section name bookmark, **click with the hand cursor on the page**, then navigate with the hand tool as described in #1-5 above. Links to all of the sections are provided — as well as links to tables, figures, endnotes, and even these instructions.

8. To select text within a column, click the text selection tool, hold down the Control key, and drag to select the text you want to copy. 

ANNEX D

Procedure for Field Level Selection and Coordination of the Use of Radio Frequencies

TABLE 1

FAA Coordinators, geographical areas of responsibility and applicable C-Notes
for the frequencies 1030 MHz and 1090 MHz and the bands 1215-1400, 2700-2900 and 9000-9200 MHz

| Office | Area | C-Notes (see Annex A) |
|--|--|-----------------------|
| Federal Aviation Administration Frequency Management Officer ANM-464 1601 Lind Avenue, S.W. Renton, Washington 98055-4056 Telephone: (206) 227-2464 Fax: (206) 227-1460 | Colorado; Idaho; Montana; Oregon; Utah; Washington; Wyoming | C042 |
| Federal Aviation Administration Frequency Management Officer AWP-483 P.O. Box 92007 Worldway Postal Center Los Angeles, California 90009-2007 Telephone: (310) 297-1872 Fax: (310) 297-0181 | Arizona; California, including all offshore islands; Nevada | C043 |
| Federal Aviation Administration Frequency Management Officer ACE-461 601 E. 12th Street Kansas City, Missouri 64106 Telephone: (816) 426-5647 Fax: (816) 426-3038 | Iowa; Kansas; Missouri; Nebraska | C045 |
| Federal Aviation Administration Frequency Management Officer ASW-483 4400 Blue Mound Road Fort Worth, Texas 76193-0483 Telephone: (817) 740-3237 Fax: (817) 740-3299 | Arkansas; Louisiana; New Mexico; Oklahoma; Texas | C046 |

| Office | Area | C-Notes (see Annex A) |
|---|---|-----------------------|
| Federal Aviation Administration Frequency Management Officer AGL-483 2300 East Devon Avenue Des Plaines, Illinois 60018 Telephone: (312) 694-7612 Fax: (312) 694-7417 | Illinois; Indiana; Michigan; Minnesota; North Dakota; South Dakota; Ohio; Wisconsin | C047 |
| Federal Aviation Administration Frequency Management Officer ASO-483 P.O. Box 20636 Atlanta, Georgia 30320 Telephone: (404) 763-7385/6 Fax: (404) 763-7663 | Alabama; Florida; Georgia; Kentucky; Mississippi; North Carolina; Puerto Rico; South Carolina; Tennessee; U.S. Possessions in the Caribbean; Virgin Islands | C048 |
| Federal Aviation Administration Frequency Management Officer AEA-483 Fitzgerald Federal Building JFK International Airport Jamaica, New York 11430 Telephone: (718) 712-8343 Fax: (718) 341-4748 | Delaware; District of Columbia; Maryland; New Jersey; New York; Pennsylvania; Virginia; West Virginia | C049 |
| Federal Aviation Administration Frequency Management Officer ANE-480 12 New England Executive Park Burlington, Massachusetts 01803 Telephone: (617) 273-7177 Fax: (617) 273-7206 | Connecticut; Maine; Massachusetts; New Hampshire; Rhode Island; Vermont | C050 |
| Federal Aviation Administration Frequency Management Officer AAL-483 222 West 7th Avenue Anchorage, Alaska 99513-0087 Telephone: (907) 243-5563 Fax: (907) 271-5900 | Alaska | C071 |
| Federal Aviation Administration Frequency Management Officer AWP-480H P.O. Box 50109 Honolulu, HI 96850-4983 Telephone: (808) 734-6627 Fax: (808) 541-2630 | Hawaii; U.S. Possessions in the Pacific Ocean | C072 |

Figure 1

(Full Page Art)



Figure 2. Designated Heavily Used Areas in the 2700-2900 MHz Band

(Full Page Art)



TABLE 2

| Designated Heavily Used Areas | | |
|-------------------------------|----------|-----------|
| Area | Latitude | Longitude |
| A | 41-30-00 | 69-45-00 |
| | 43-15-00 | 69-45-00 |
| | 43-15-00 | 72-00-00 |
| | 41-30-00 | 72-00-00 |
| B | 40-30-00 | 71-30-00 |
| | 41-30-00 | 71-30-00 |
| | 41-30-00 | 76-00-00 |
| | 40-30-00 | 76-00-00 |
| C | 38-30-00 | 74-00-00 |
| | 40-30-00 | 74-00-00 |
| | 40-30-00 | 77-45-00 |
| | 38-30-00 | 77-45-00 |
| D | 38-00-00 | 76-00-00 |
| | 38-30-00 | 76-00-00 |
| | 38-30-00 | 77-45-00 |
| | 38-00-00 | 77-45-00 |
| E | 36-30-00 | 75-15-00 |
| | 37-30-00 | 75-15-00 |
| | 37-30-00 | 76-45-00 |
| | 36-30-00 | 76-45-00 |
| F | 30-00-00 | 81-20-00 |
| | 31-00-00 | 81-20-00 |
| | 31-00-00 | 82-20-00 |
| | 30-00-00 | 82-20-00 |
| G | 25-00-00 | 80-00-00 |
| | 26-30-00 | 80-00-00 |
| | 26-30-00 | 80-45-00 |
| | 25-00-00 | 80-45-00 |
| H | 40-45-00 | 80-00-00 |
| | 42-20-00 | 80-00-00 |
| | 42-20-00 | 82-00-00 |
| | 40-45-00 | 82-00-00 |
| I | 39-30-00 | 82-30-00 |
| | 40-20-00 | 82-30-00 |
| | 40-20-00 | 83-30-00 |
| | 39-30-00 | 83-30-00 |

| Designated Heavily Used Areas (continued) | | |
|--|----------|-----------|
| Area | Latitude | Longitude |
| J | 38-45-00 | 83-30-00 |
| | 40-20-00 | 83-30-00 |
| | 40-20-00 | 85-00-00 |
| | 38-45-00 | 85-00-00 |
| K | 30-15-00 | 86-00-00 |
| | 31-00-00 | 86-00-00 |
| | 31-00-00 | 88-00-00 |
| | 30-15-00 | 88-00-00 |
| L | 41-00-00 | 82-40-00 |
| | 43-40-00 | 82-40-00 |
| | 43-40-00 | 87-00-00 |
| | 41-00-00 | 87-00-00 |
| M | 41-00-00 | 87-00-00 |
| | 43-00-00 | 87-00-00 |
| | 43-00-00 | 89-30-00 |
| | 41-00-00 | 89-30-00 |
| N | 38-15-00 | 89-40-00 |
| | 39-30-00 | 89-40-00 |
| | 39-30-00 | 91-00-00 |
| | 38-15-00 | 91-00-00 |
| O | 34-40-00 | 89-40-00 |
| | 36-30-00 | 89-40-00 |
| | 36-30-00 | 90-30-00 |
| | 34-40-00 | 90-30-00 |
| P | 35-00-00 | 97-00-00 |
| | 36-00-00 | 97-00-00 |
| | 36-00-00 | 98-00-00 |
| | 35-00-00 | 98-00-00 |
| Q | 33-00-00 | 111-30-00 |
| | 34-20-00 | 111-30-00 |
| | 24-20-00 | 112-40-00 |
| | 33-00-00 | 112-40-00 |
| R | 37-00-00 | 121-00-00 |
| | 39-00-00 | 121-00-00 |
| | 39-00-00 | 123-00-00 |
| | 37-00-00 | 123-00-00 |
| S | 32-15-00 | 116-30-00 |
| | 36-20-00 | 116-30-00 |
| | 36-20-00 | 118-14-00 |
| | 32-15-00 | 118-45-00 |

TABLE 3

Government/non-Government Field Level Coordinators for the Bands
1435-1535 and 2310-2390 MHz

Government: Area Frequency Coordinators, geographical areas of
responsibility, and applicable C-Notes

| Office | Area | C-Notes (see Annex A) |
|--|---|-----------------------|
| Western Area Frequency Coordinator Point Mugu, California 93042 Telephone: (805) 989-7983 DSN: 351-7983 | California south of 37° 30'N, including all offshore islands | C003 |
| Area Frequency Coordinator 554CS/SCNF 5870 Devlin Drive Nellis AFB, Nevada 89191-7075 Telephone: (702) 652-3417 DSN: 683-3417 | Nevada; Utah west of 111°W; Idaho south of 44°N | C068 |
| Area Frequency Coordinator State of Arizona ATTN: SFIS-FAC-SH Ft. Huachuca, Arizona 85613-5000 Telephone: (602) 538-6423 DSN: 879-6423 | Arizona | C009 |
| Area Frequency Coordinator ATTN: SFIA-FAC-SS White Sands Missile Range, New Mexico 88002-5526 Telephone: (505) 678-5417 DSN: 258-3702 FTS: 898-5017 | Colorado west of 108°W; New Mexico; Texas west of 104°W; Utah east of 111°W | C007 |
| Army Frequency Management Office (AFMO) - CONUS ATTN: SFIS-FAC-SC Ft. Sam Houston, Texas 78234-5000 Telephone: (210) 221-2820/2050 DSN: 471-2820/2050 FTS: 746-2820 | Arkansas; California north of 37° 30' N; Colorado east of 108° W; Idaho north of 44° N; Illinois; Indiana; Iowa; Kansas; Louisiana west of 90°W; Michigan; Minnesota; Missouri; Montana; North Dakota; Oklahoma; Oregon; South Dakota; Texas east of 104°W; Wisconsin, Wyoming. | C024 |
| Gulf Area Frequency Coordinator Eglin AFB, Florida 32542 Telephone: (904) 882-4416 DSN: 872-4416 | Alabama south of 33° 30'N; Florida west of 83°W; Georgia west of 83°W, south of 33° 30'N; Louisiana east of 90°W; Mississippi east of 90°W, south of 33° 33'N | C011 |

| Office | Area | C-Notes (see Annex A) |
|---|--|-----------------------|
| <p>Eastern Area Frequency Coordinator 45 CS/SCMMP 1225 Pershing Street Patrick AFB, Florida 32925-3340 Telephone: (407) 494-5837/5838 DSN: 854-5837/5835 FAX: (407) 494-5555 FAX DSN: 854-5555</p> | <p>Florida east of 83°W; Georgia east of 83°W, south of 31°30'N</p> | <p>C005</p> |
| <p>Mid-Atlantic Area Frequency Coordinator (514000A) Mail Stop 3, BLDG 1406 Naval Air Warfare Center Aircraft Division 22953 Cedar Point Road Patuxent River, MD 20374-5304 Telephone: (301) 342-1194/1532 FAX/STU III: ext. 1200 ASPECTS BBS: ext. 1195 DSN: 342-1194/1532</p> | <p>That area of the eastern United States and the Atlantic Ocean south of 41°N; east of a line starting at the intersection of 41°N and 75°30'W running southwest to the intersection of 33°30'N and 83°W; north of 31°30'; west of 68°40'W</p> | <p>C086</p> |
| <p>Area Frequency Coordinator AF Frequency Management Agency 4040 N. Fairfax Drive, Suite 204 Arlington, Virginia 22203-1613 Telephone: (703) 696-1095 DSN: 226-1095</p> | <p>Alabama north of 33°30'N; Connecticut; Kentucky; Maine; Massachusetts; Mississippi less east of 90°W, south of 33°30'N; New Hampshire; New Jersey north of 41°N; Ohio; Rhode Island; Tennessee; Vermont; West Virginia; and those areas of the following states west of the Mid-Atlantic AFC area: Georgia north of 33°30'N; Maryland; North Carolina; Pennsylvania including the north of 41°N; South Carolina; Virginia</p> | <p>C016</p> |
| <p>Non-Government: Aerospace and Flight Test Radio Coordinating Council (AFTRCC) Coordinator.</p> | | |
| <p>Aerospace and Flight Test Radio Coordinating Council P.O. Box 2307 Seal Beach, California 90740-1307</p> <p>Coordination point of contact: Mr. Rex Miller, Telephone: (316) 523-1004; Mr. Bob Douglass, Telephone: (206) 657-6421 or Mr. Robert Thompson, Telephone: (404) 494-2114</p> | | |

Figure 3

(Full Page Art)



TABLE 4

Spectrum Management Areas of Responsibility for USCINCPAC

| Office | Area | C-Notes (see Annex A) |
|---|---|-----------------------|
| USPACOM Area of Responsibility (see Figure 4) | <p>Tactical areas of responsibility encompasses the West Coast of the United States mainland westward thru the Pacific Ocean to include the regions of the Arctic and Indian Oceans extending to 18 degrees EAST Longitude.</p> <p>From the Arctic to the Antarctic.</p> <p>States of ALASKA and HAWAII.</p> <p>About 50 Percent of the Earth's surfaces, more that 100 million square miles.</p> <p>Includes 45 countries, 10 TERRITORIES of other Countries, and 8 U. S. TERRITORIES.</p> | C012 |

Figure 4



TABLE 5

Spectrum management Areas of Responsibility for CINCUSACOM

| Office | Area | C-Notes (see Annex A) |
|---|--|-----------------------|
| <p>USACOM Area of Responsibility (see Figure 5)</p> | <p>Tactical area of responsibility encompasses the CONTIGUOUS UNITED STATES and 45 million square miles of the Atlantic Ocean from the North Pole to the South Pole and from the East coast of the United States to Gibraltar, including the Pacific Ocean, West of Central and South America extending to 92 degrees WEST longitude. The inclusion of Pacific Areas allows one U.S. National Commander to work maritime relationships with LATIN AMERICA. Inclusive of above responsibilities are the following:</p> <p>All USN/USMC activities in MINNESOTA, IOWA, KANSAS, OKLAHOMA, TEXAS, and all states Eastward (Total of 34 states).</p> <p>PUERTO RICO U.S. VIRGIN ISLANDS BERMUDA GREENLAND ICELAND AZORES ASCENSION ISLAND</p> <p>Naval operations in the ATLANTIC OCEAN, the CARIBBEAN SEA and the GULF OF MEXICO. Includes all other countries in the ATLANTIC BASIN and in the CARIBBEAN BASIN.</p> | |

Figure 5

